

HPC and Computer Visualization to Increase Knowledge of Air Quality Conditions

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This poster will highlight several of the air quality models that the HPC Center has developed for EPA researchers, such as Air Forecasting, 3D Interactive Fly through over Lower Manhattan, and Air Dispersion Models Urban Airshed Model. These models have practical applications for national security issues. The poster will show:

1. Nature of problem (in brief).
2. What the technology is doing to help researchers/the public/how the models are being used.
3. How the technology works (for example, AirNow allows the public to learn of AQ local conditions).